

# MONTANA POPULATION AND LABOR FORCE TRENDS

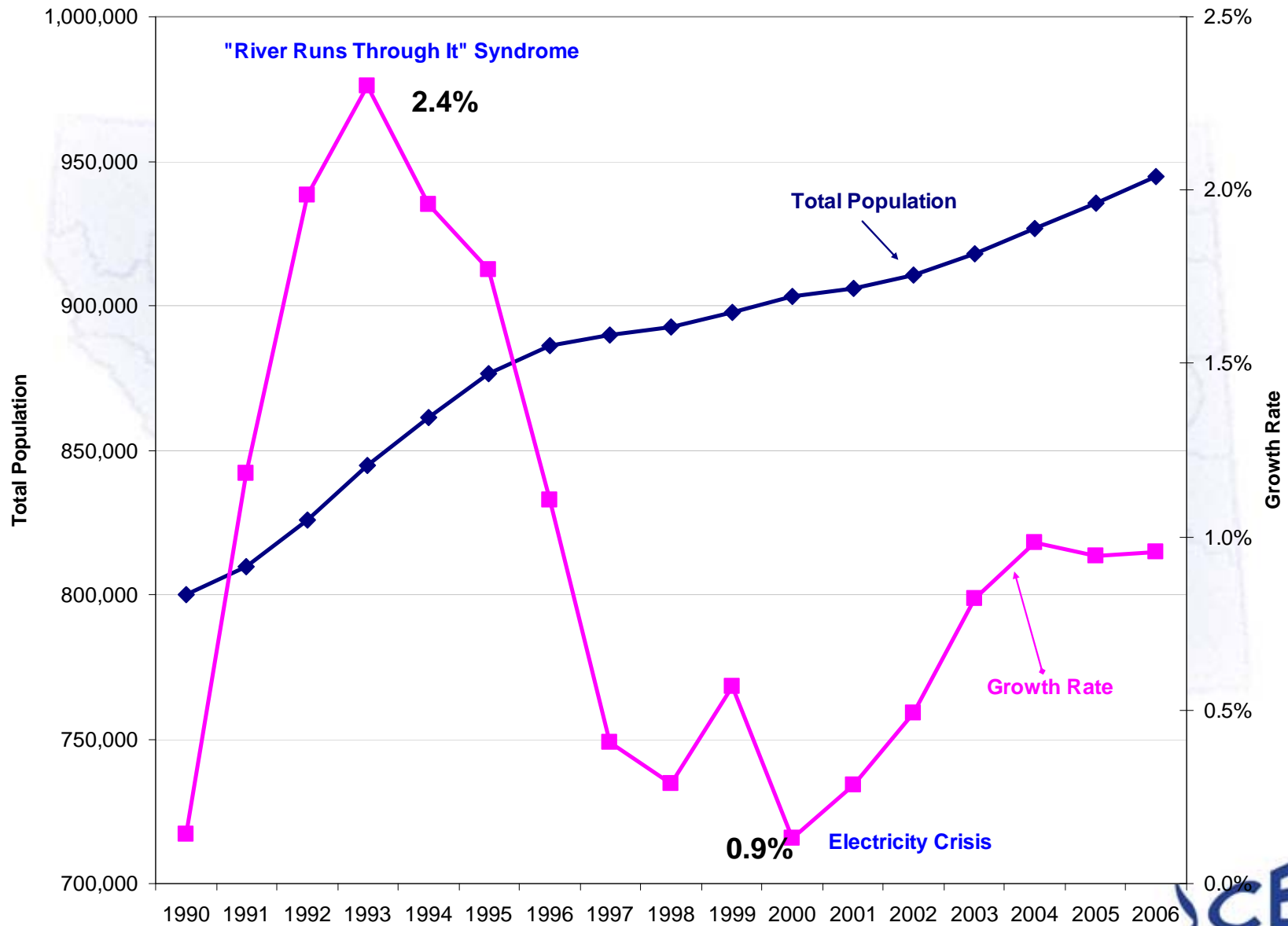
Susan Ockert  
Senior Research Economist  
**Dept of Corrections Advisory  
Council: February 12, 2008**

# Overview

- 
- Current Population
  - Population Projections
  - Labor Force and Income

# MONTANA POPULATION: 1990 TO 2006

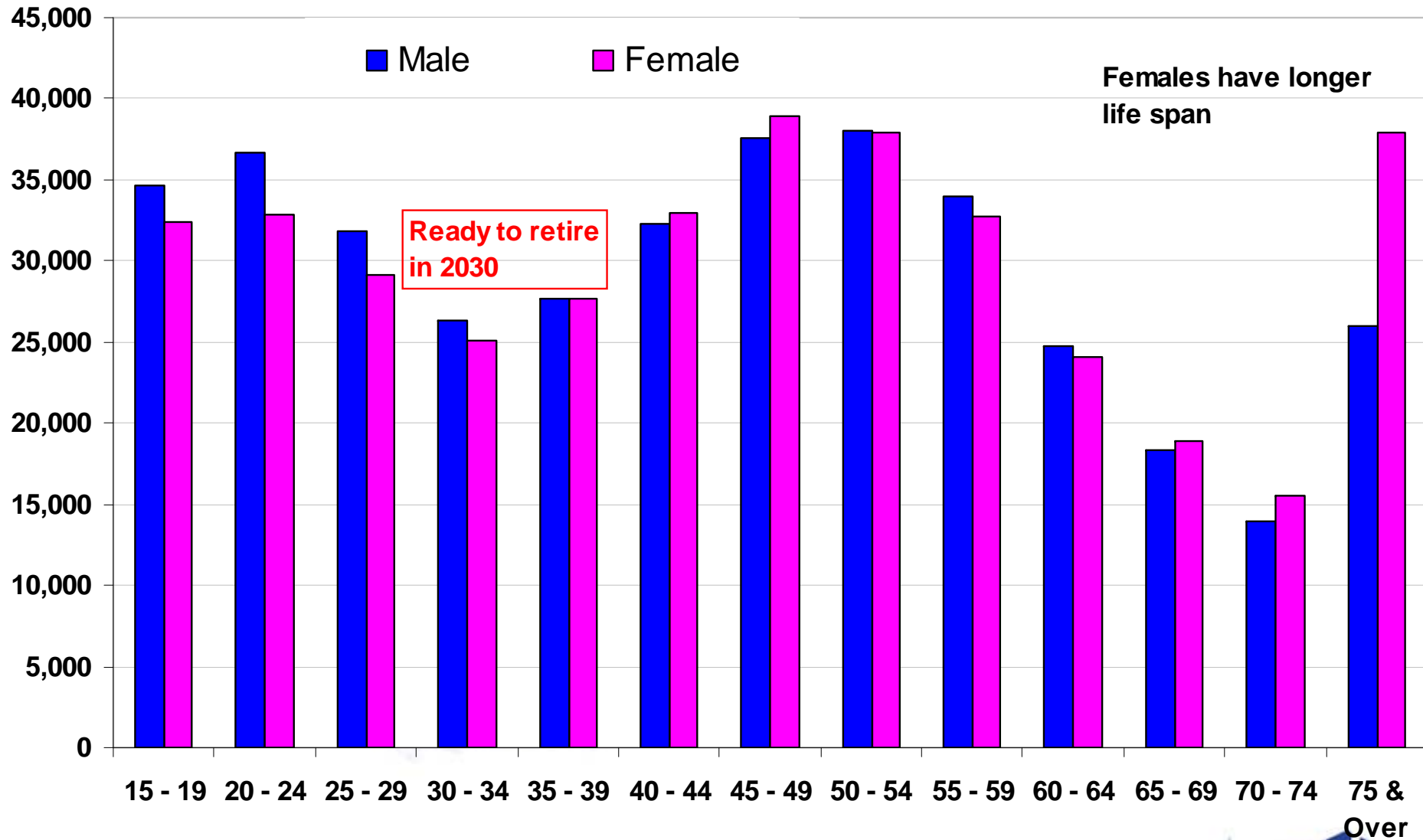
## TOTAL & GROWTH RATE



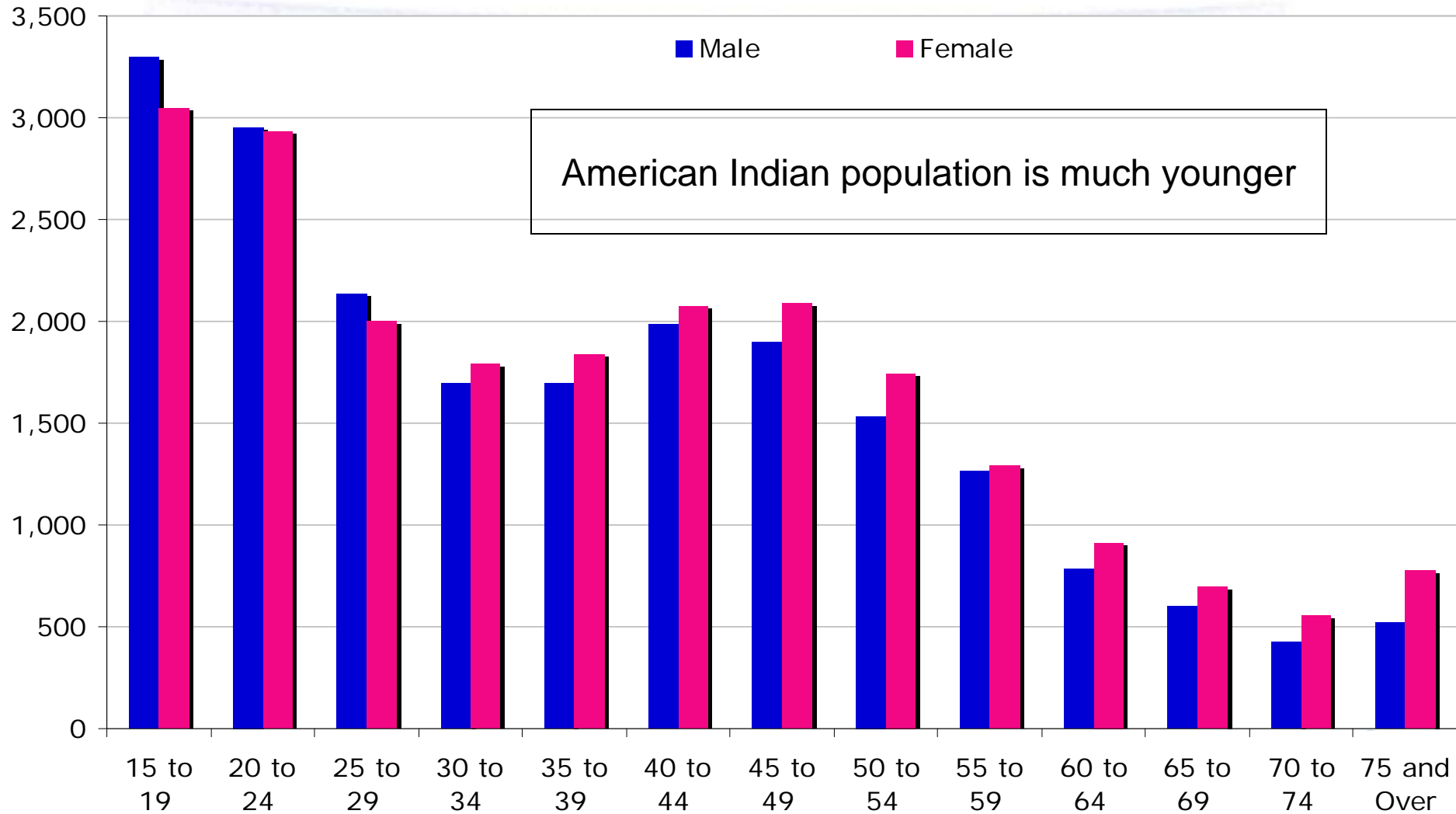
# Montana

- Current Population: 944,632 (2006)
- Males outnumber females for first time since 1960s (697)
  - 472,669 Male
    - Energy Sector employment
  - 471,972 Female
- Reach 1,000,000 population:
  - By 2015

# MONTANA 2006 POPULATION



# MONTANA AMERICAN INDIAN POPULATION BY AGE AND GENDER: 2006

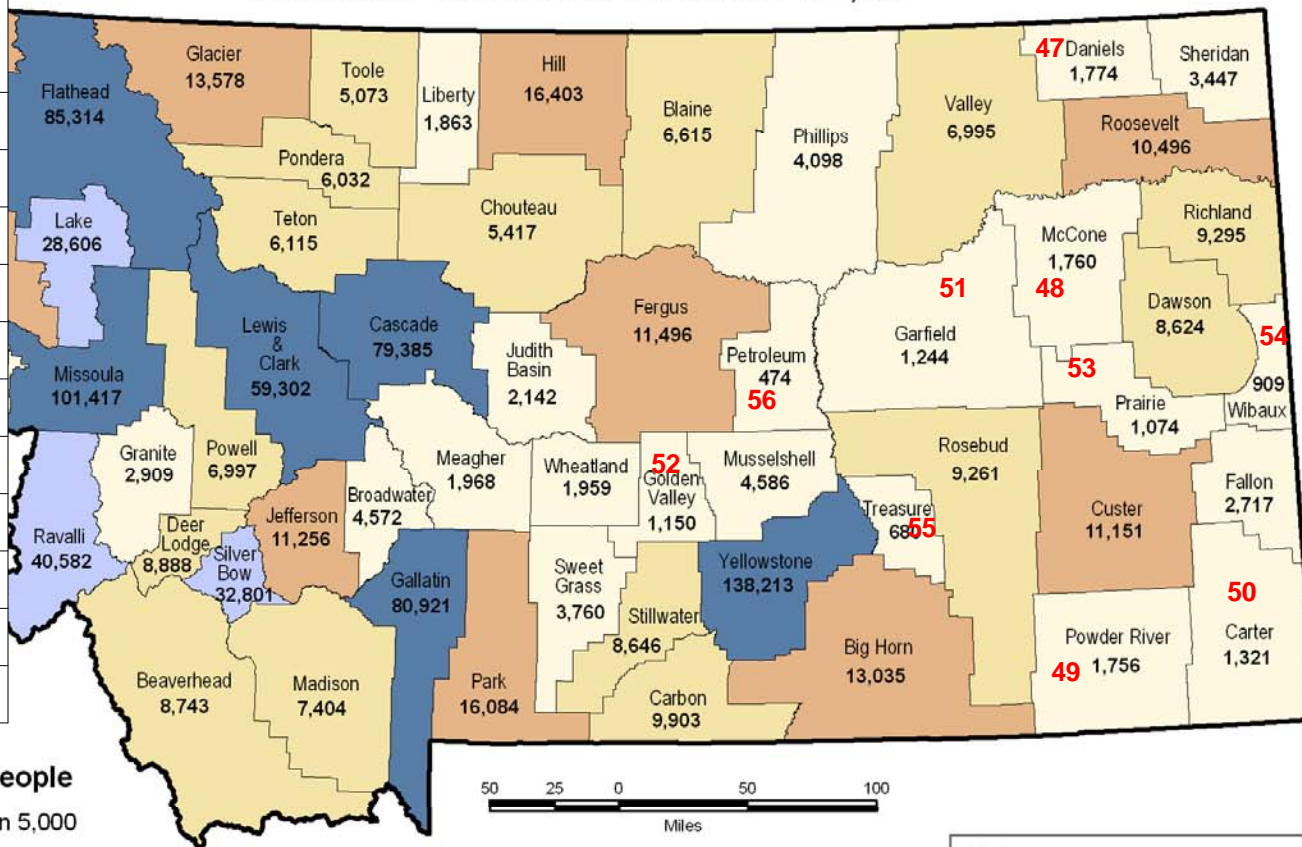


# MONTANA COUNTY POPULATION

July 1, 2006 Population Estimates

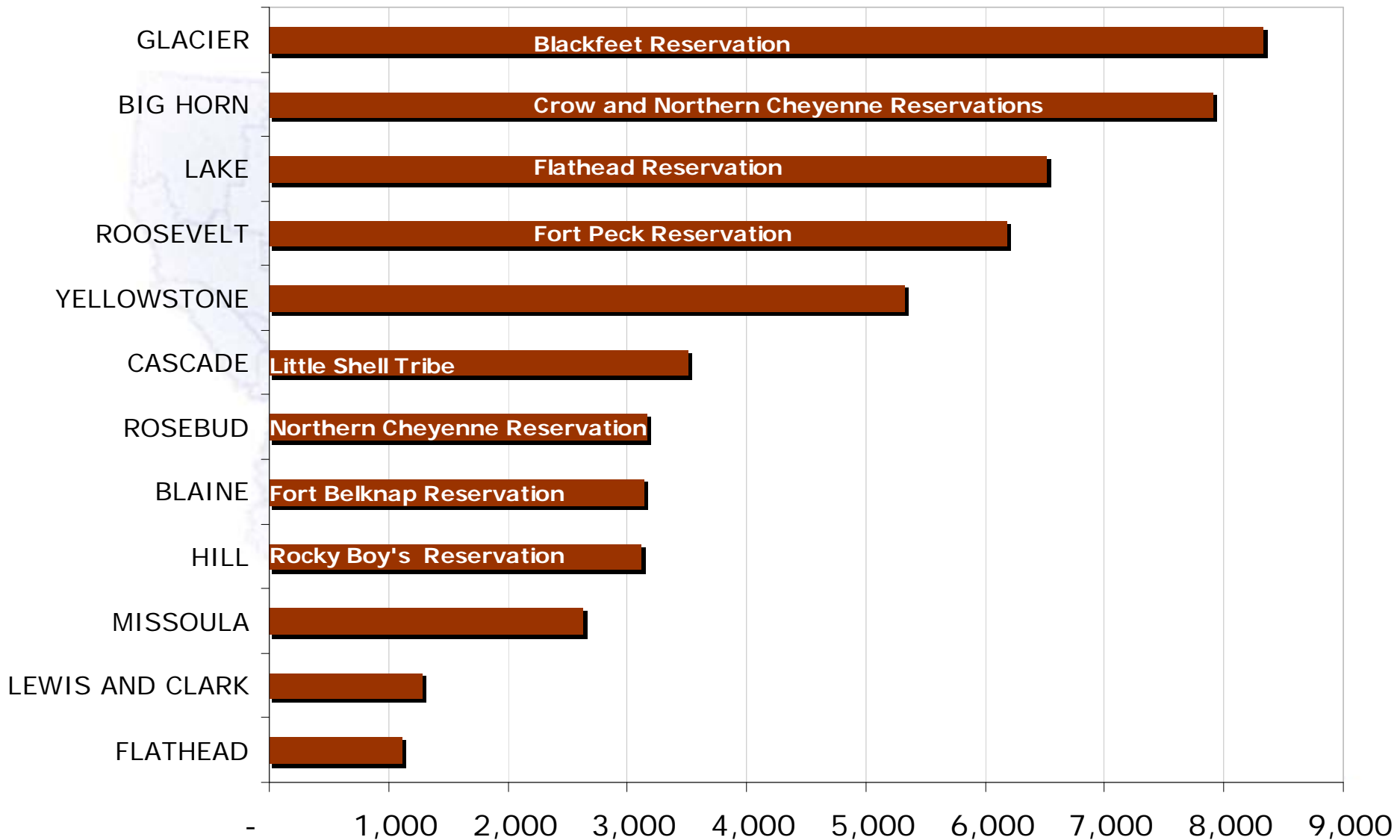
MONTANA POPULATION ESTIMATE: 944,632

County	% of Total
Yellowstone	14.6%
Missoula	10.7%
Flathead	9.0%
Gallatin	8.6%
Cascade	8.4%
Lewis & Clark	6.3%
Ravalli	4.3%
Silver Bow	3.5%
Lake	3.0%
<b>TOP NINE</b>	<b>68.4%</b>
<b>BOTTOM NINE</b>	<b>1.1%</b>



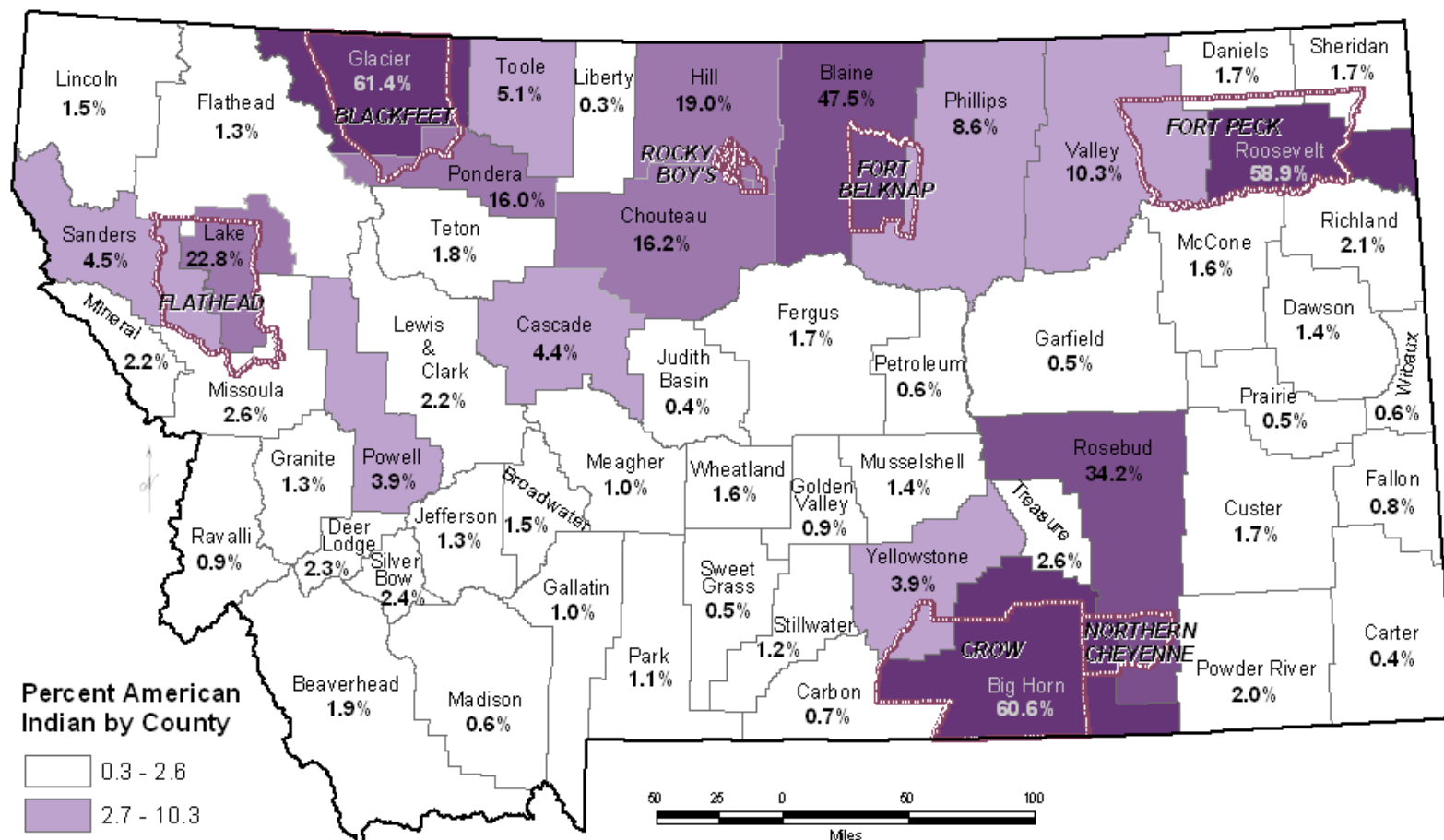
Source: Population Division, U.S. Census Bureau, Table 1: Annual Estimates of the Population for Counties of Montana: April 1, 2000 to July 1, 2006 (CO-EST2006-01-30). Release Date: Mar 20, 2007.

# AMERICAN INDIAN POPULATION: 2006

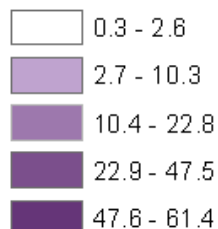




# Percent American Indian by County Montana - 2006



## Percent American Indian by County



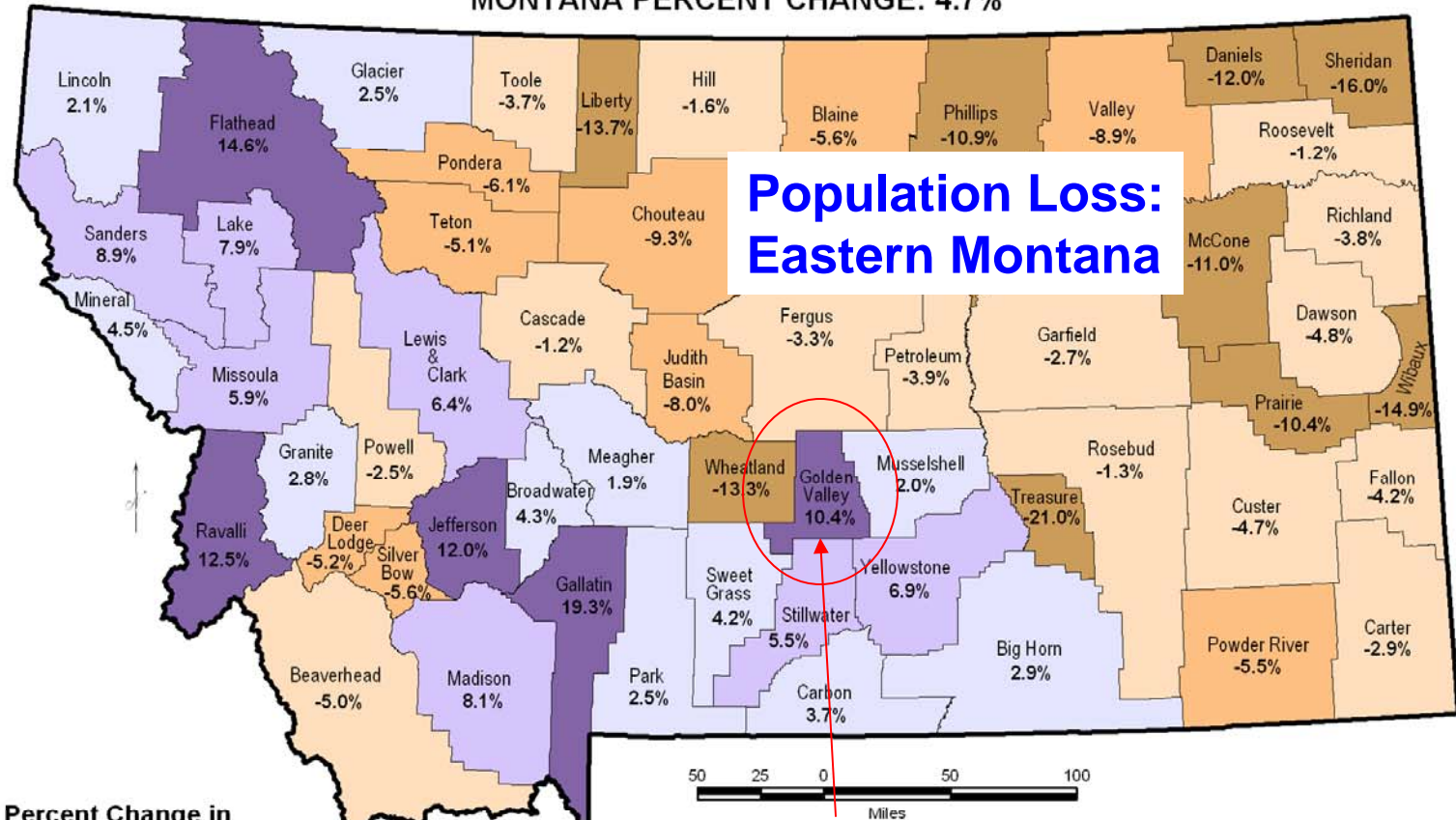
Indian Reservation

Map by: Census & Economic Information Center  
Montana Department of Commerce

# MONTANA COUNTY POPULATION

## Percent Change Between 2000 Census and 2006 Estimates

### MONTANA PERCENT CHANGE: 4.7%



#### Percent Change in Population



Lavina  
Ryegate

Map by:  
Census & Economic Information Center  
Montana Department of Commerce  
301 S. Park Ave, Helena, MT 59620-0505  
406-841-2740 ceic@mt.gov  
<http://ceic.mt.gov>

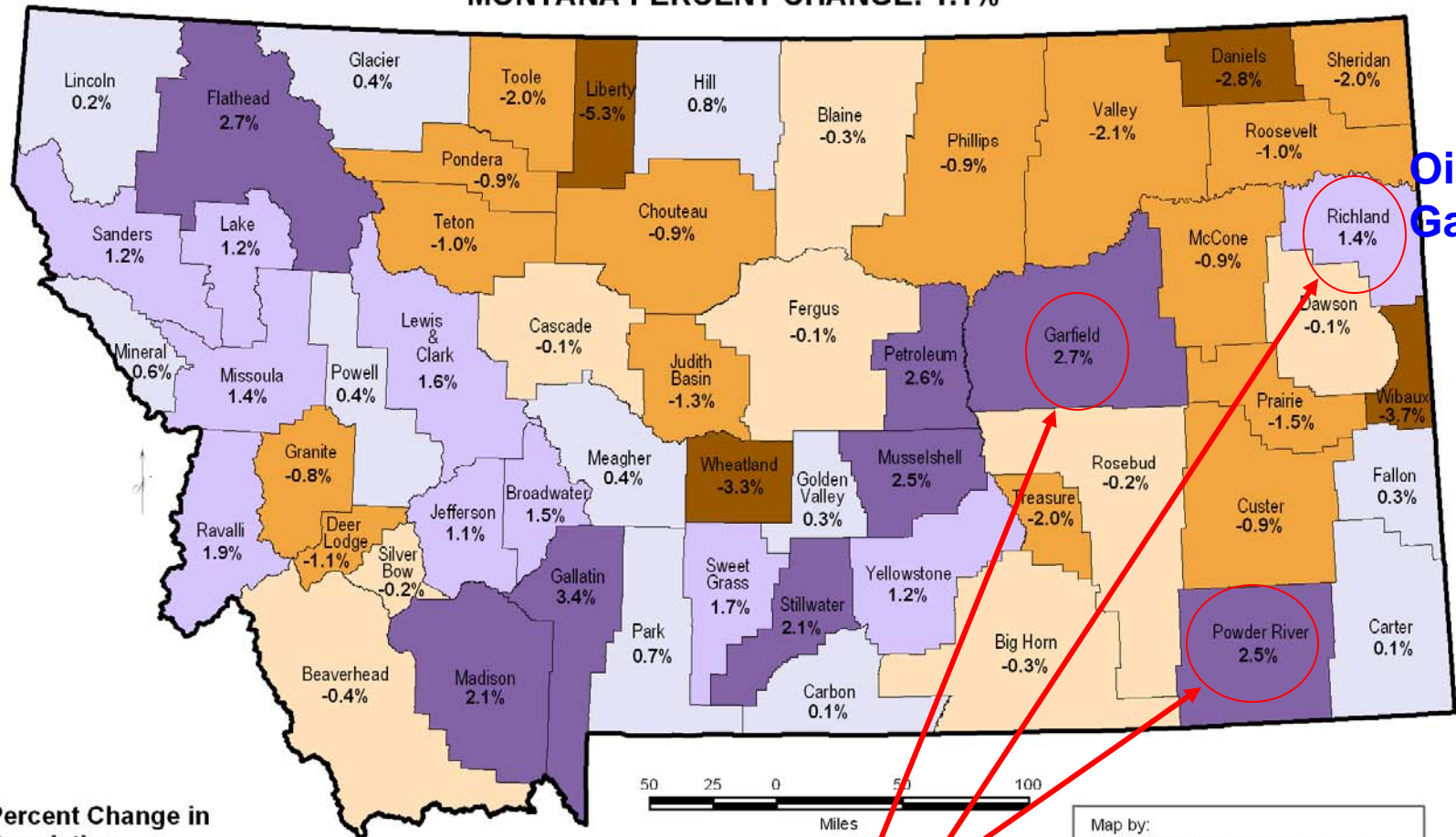
March 2007 - county\_pop\_percchg06.mxd

Source: Population Division, U.S. Census Bureau, Table 1: Annual Estimates of the Population for Counties of Montana: April 1, 2000 to July 1, 2006 (CO-EST2006-01-30), Release Date: Mar 20, 2007.

# MONTANA COUNTY POPULATION

## Percent Change Between 2005 Estimates and 2006 Estimates

### MONTANA PERCENT CHANGE: 1.1%



Oil & Gas

Exceptions to trend??

Map by:  
Census & Economic Information Center  
Montana Department of Commerce  
301 S. Park Ave, Helena, MT 59620-0505  
406-841-2740 ceic@mt.gov  
<http://ceic.mt.gov>

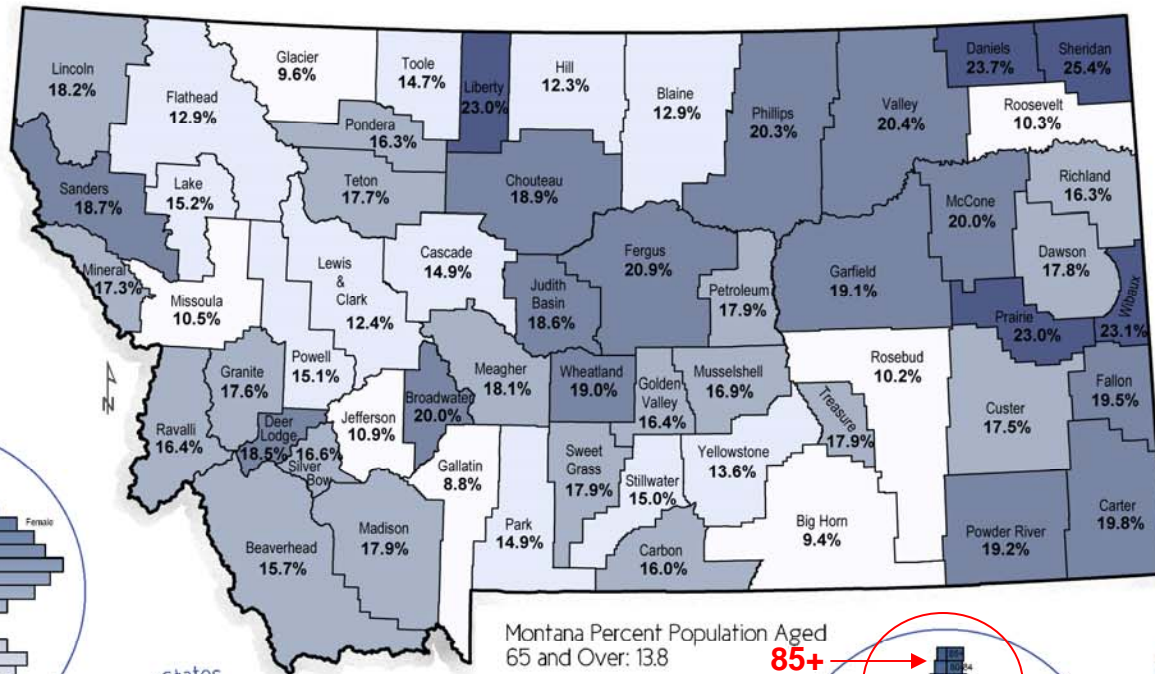
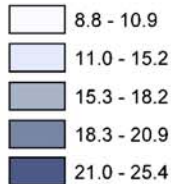
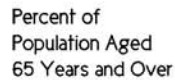
March 2007 - county\_pop\_1yr\_growth06.mxd



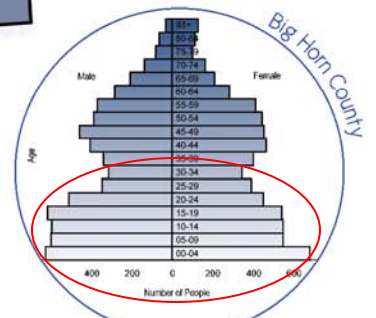
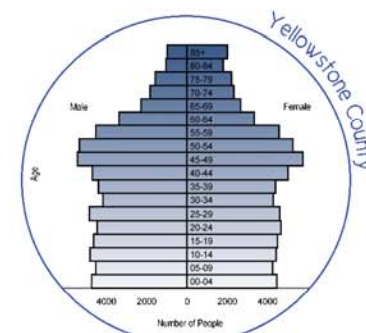
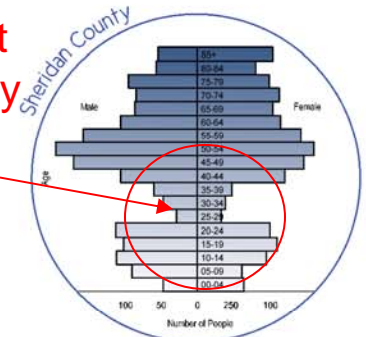
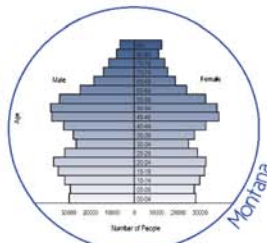
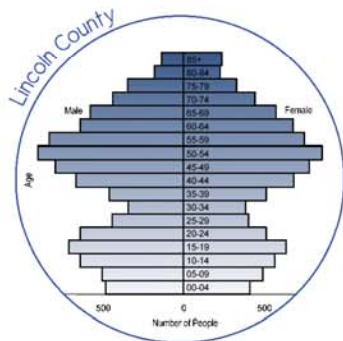
## 2006 Population Estimates – Montana

## Percent of Population Aged 65 Years and Over and Population Pyramids

54% of all MT durum wheat  
is grown in Sheridan County



Montana Percent Population Aged 65 and Over: 13.8 **85+**

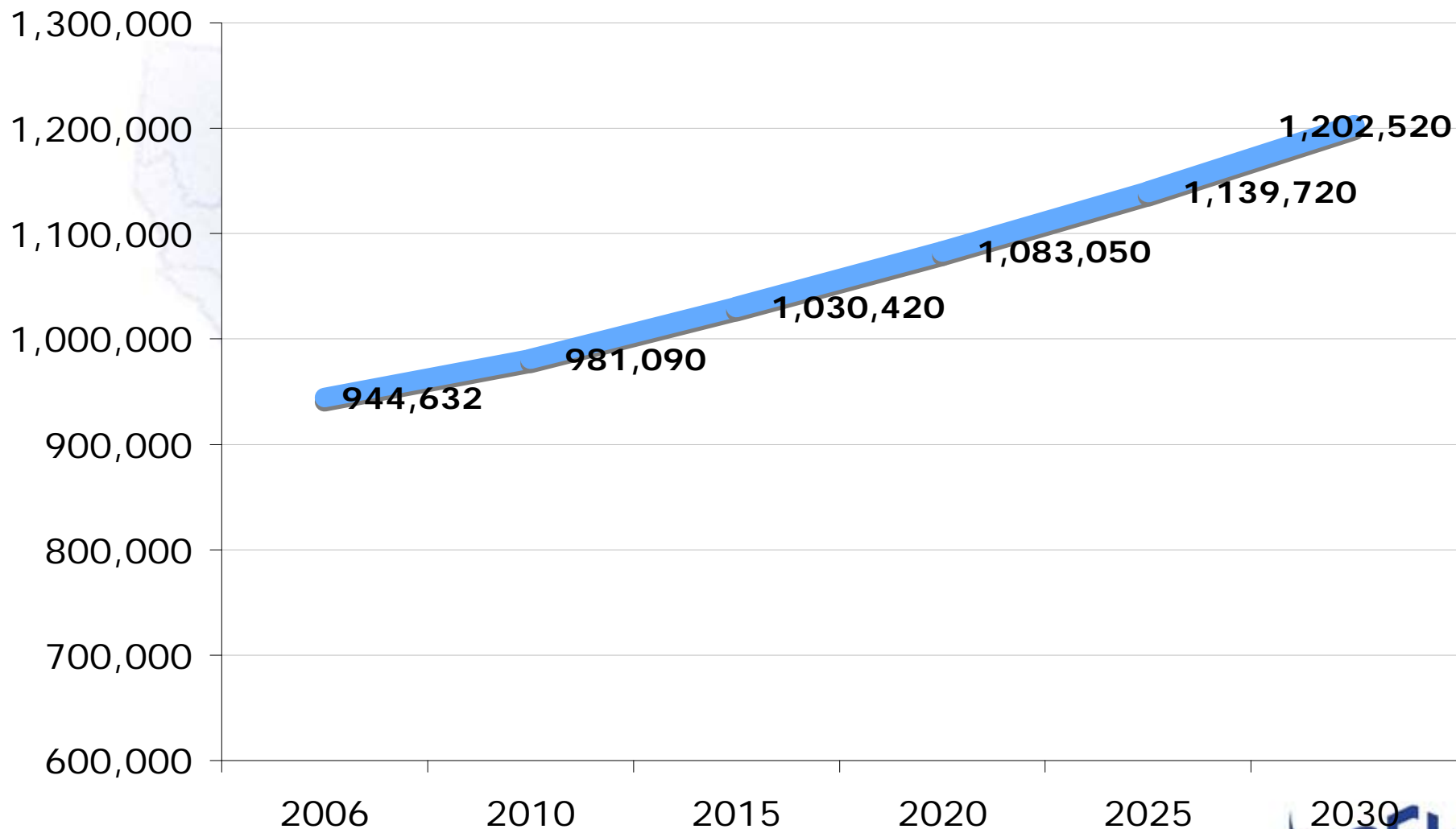


## Crow & Northern Cheyenne Reservations

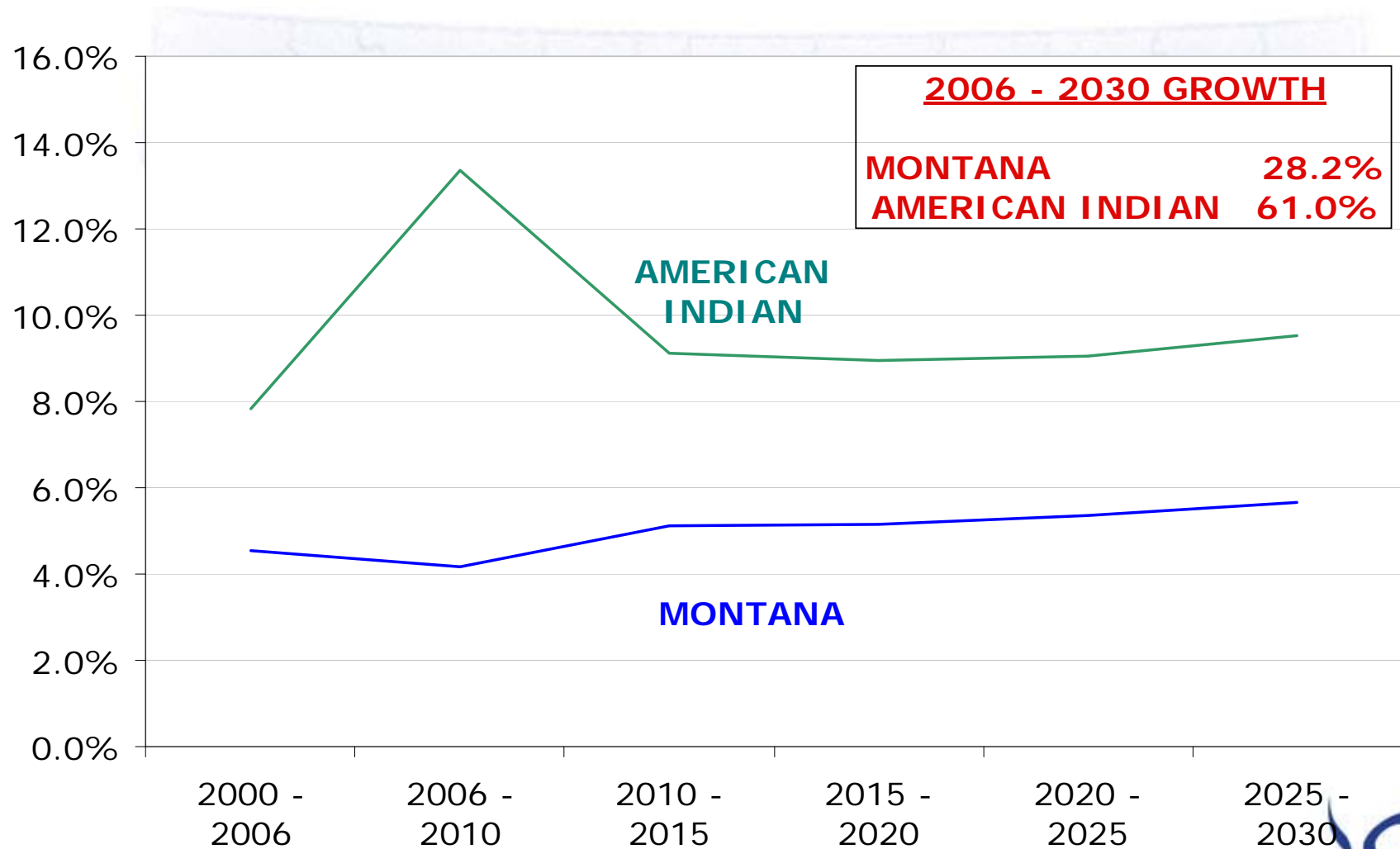


# POPULATION PROJECTIONS

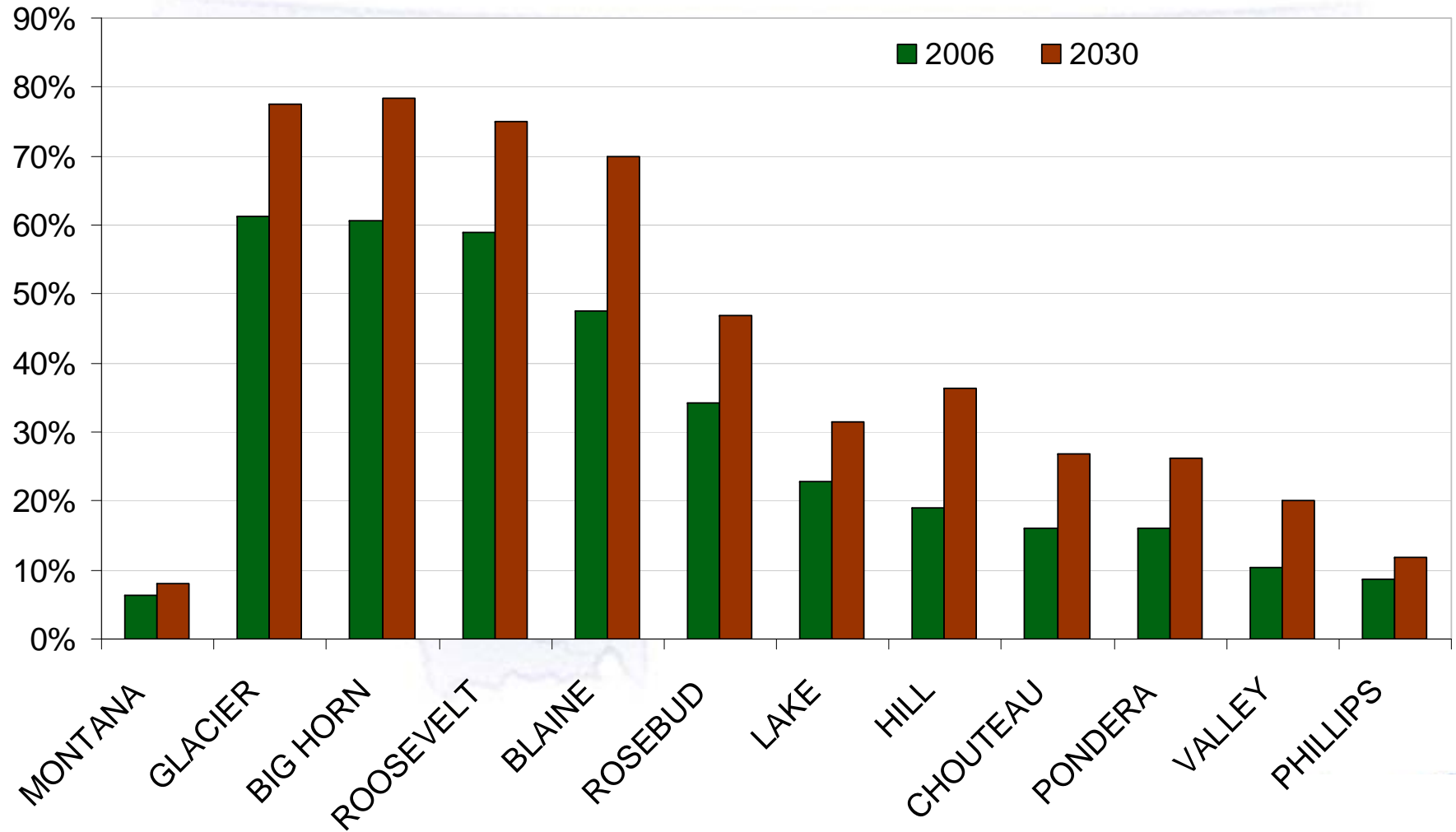
# Montana Population Projections



# TOTAL MONTANA AND AMERICAN INDIAN POPULATION CHANGE



# AMERICAN INDIAN POPULATION: PERCENT OF TOTAL POPULATION





# MONTANA POPULATION PROJECTIONS\*

Percent Change between Census 2000 and NPA Projections for 2030

TOTAL POPULATION

MONTANA PERCENT CHANGE: 33%

Blackfeet Reservation

Fort Peck Reservation

Flathead  
Reservation

Fort Belknap  
Reservation

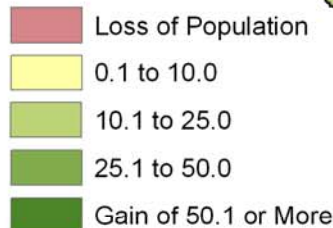
Rocky Boy's  
Reservation

Colstrip

Crow Reservation

Northern Cheyenne Reservation

## Percent Change in Population



\* Projections are estimates of the population for future dates. They illustrate plausible courses of future population change based on assumptions about future births, deaths, international migration, and domestic migration.

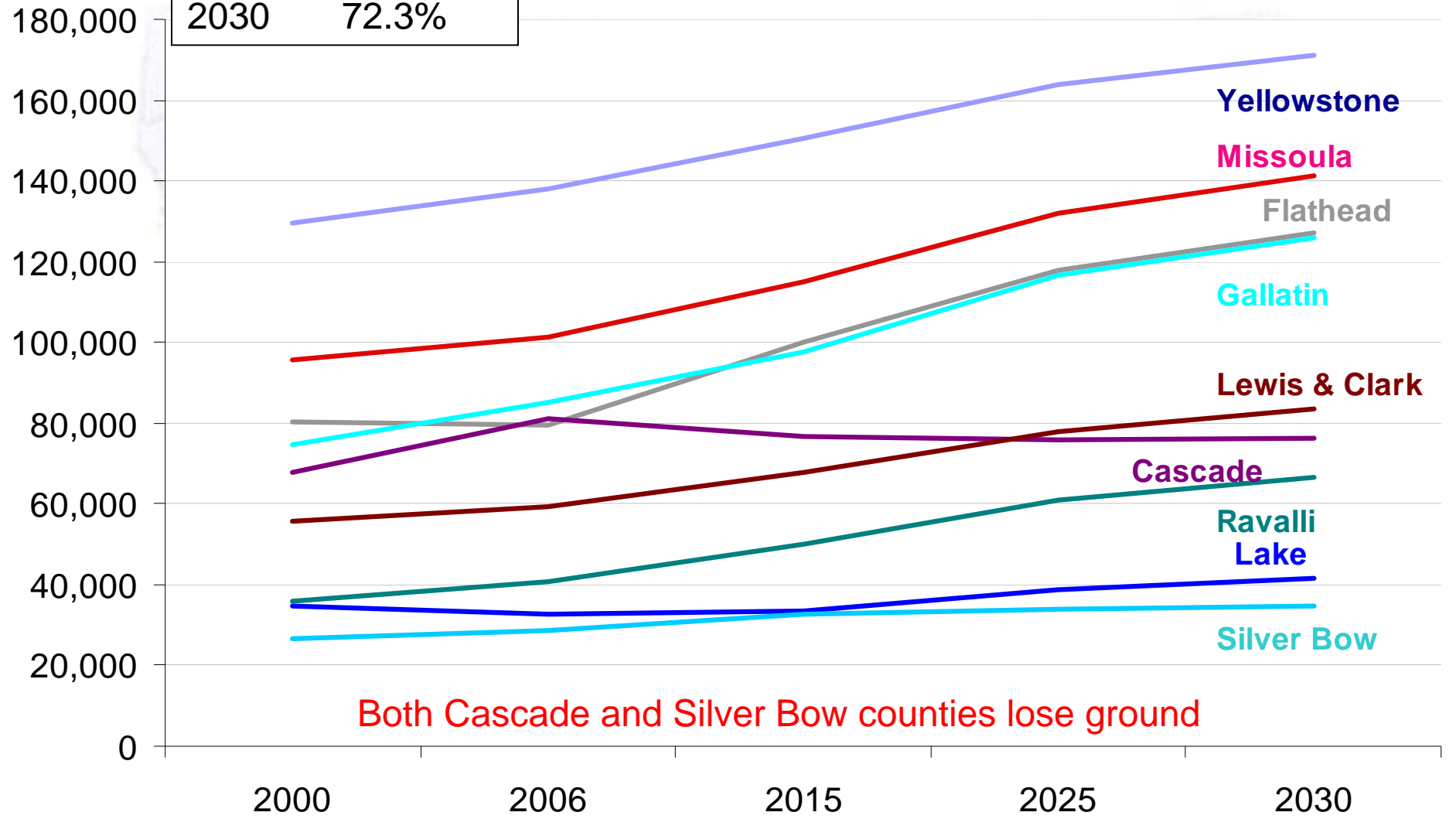
50 25 0 50 100

Miles

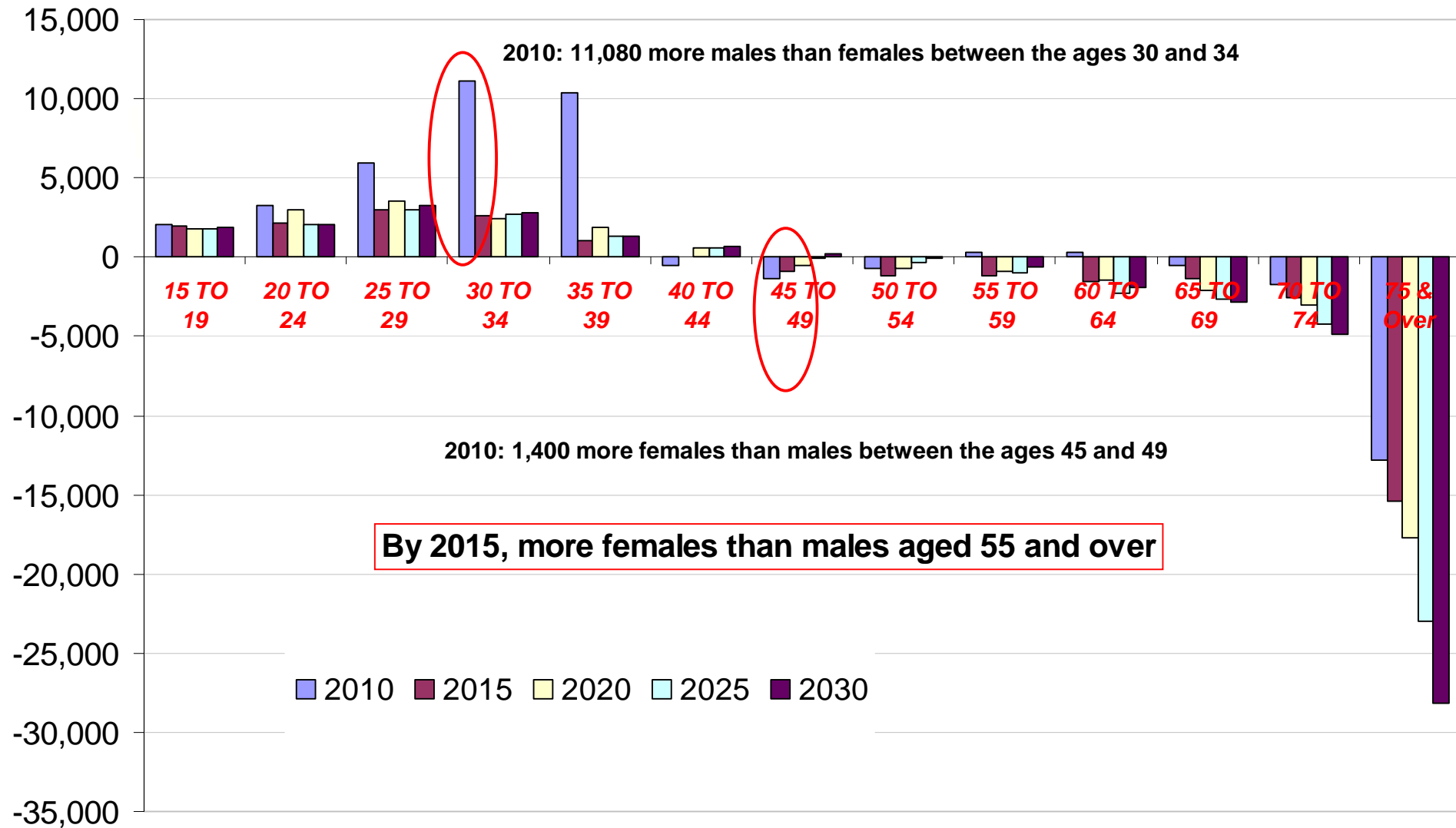
Created by:  
Census & Economic Information Center  
Montana Department of Commerce  
301 S. Park Ave, Helena MT 59620-0505  
Phone: 406-841-2740, Email: ceic@mt.gov  
<http://ceic.mt.gov>

% Total Population	
2000	66.6%
2006	68.4%
2015	70.3%
2025	71.7%
2030	72.3%

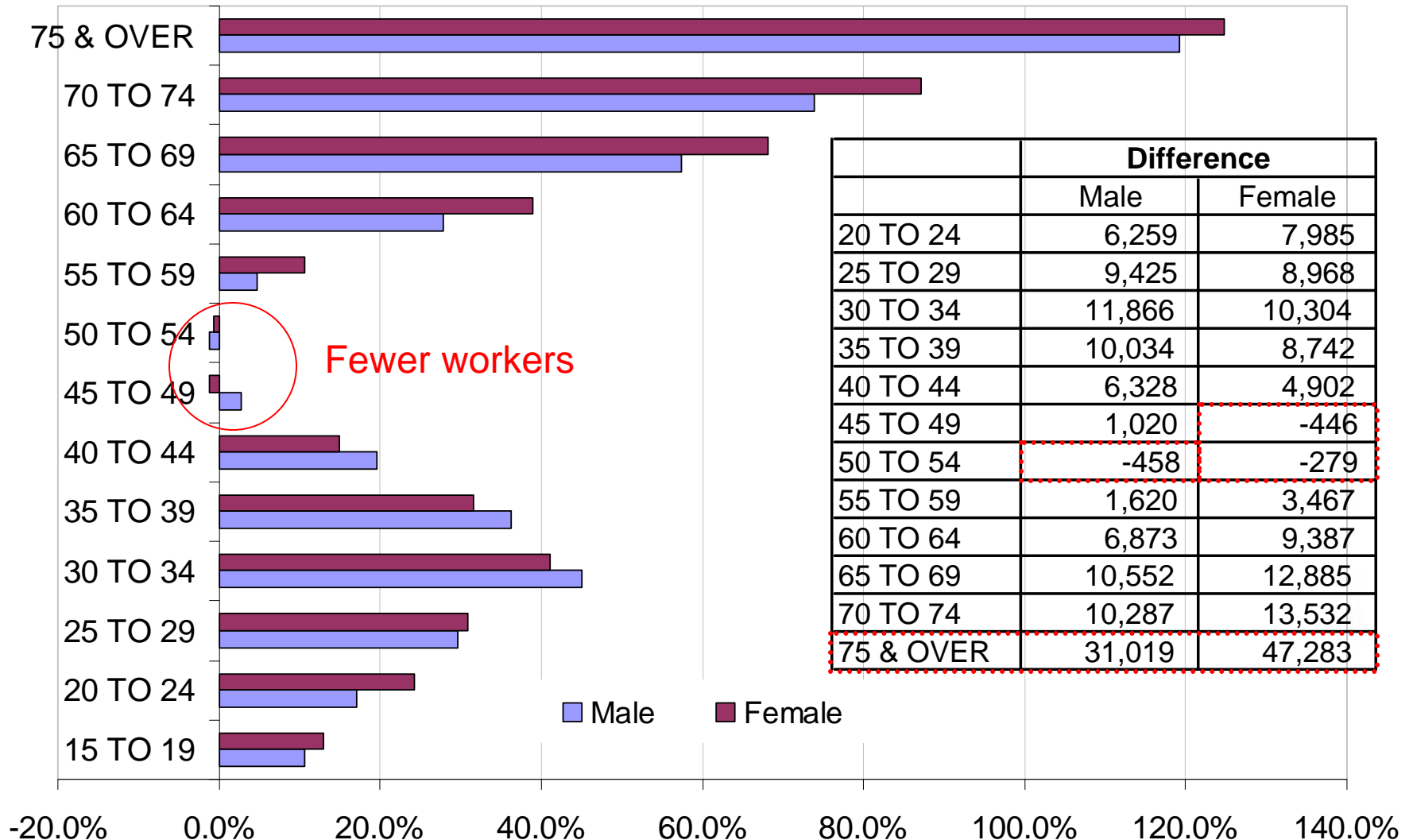
# TOP NINE COUNTIES' POPULATION



# DIFFERENCE IN POPULATION BETWEEN MALES AND FEMALES



# Montana Population by Age and Gender: Percent Change 2006 - 2030

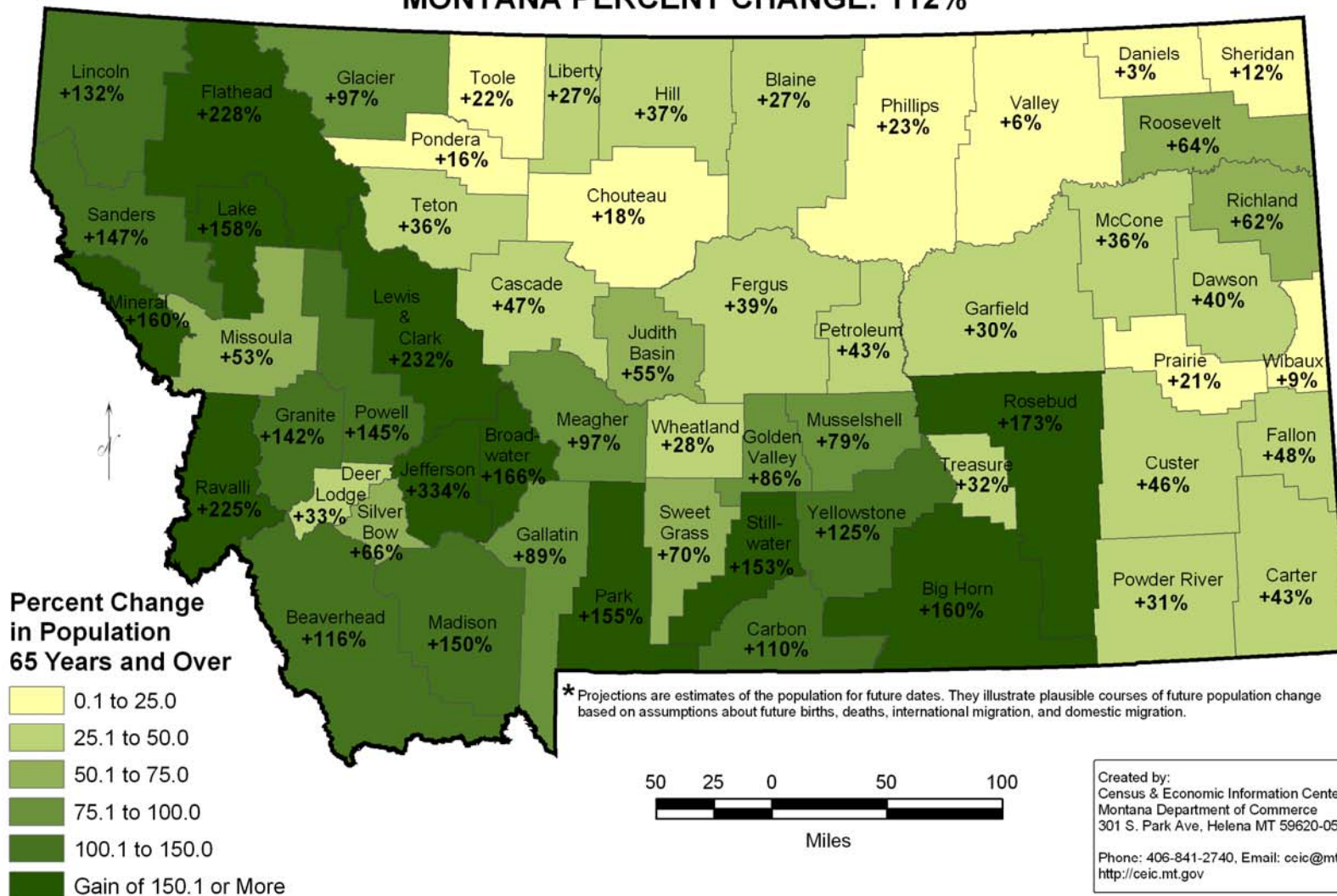


# MONTANA POPULATION PROJECTIONS\*

## Percent Change between Census 2000 and NPA Projections for 2030

### POPULATION 65 YEARS AND OVER

### MONTANA PERCENT CHANGE: 112%





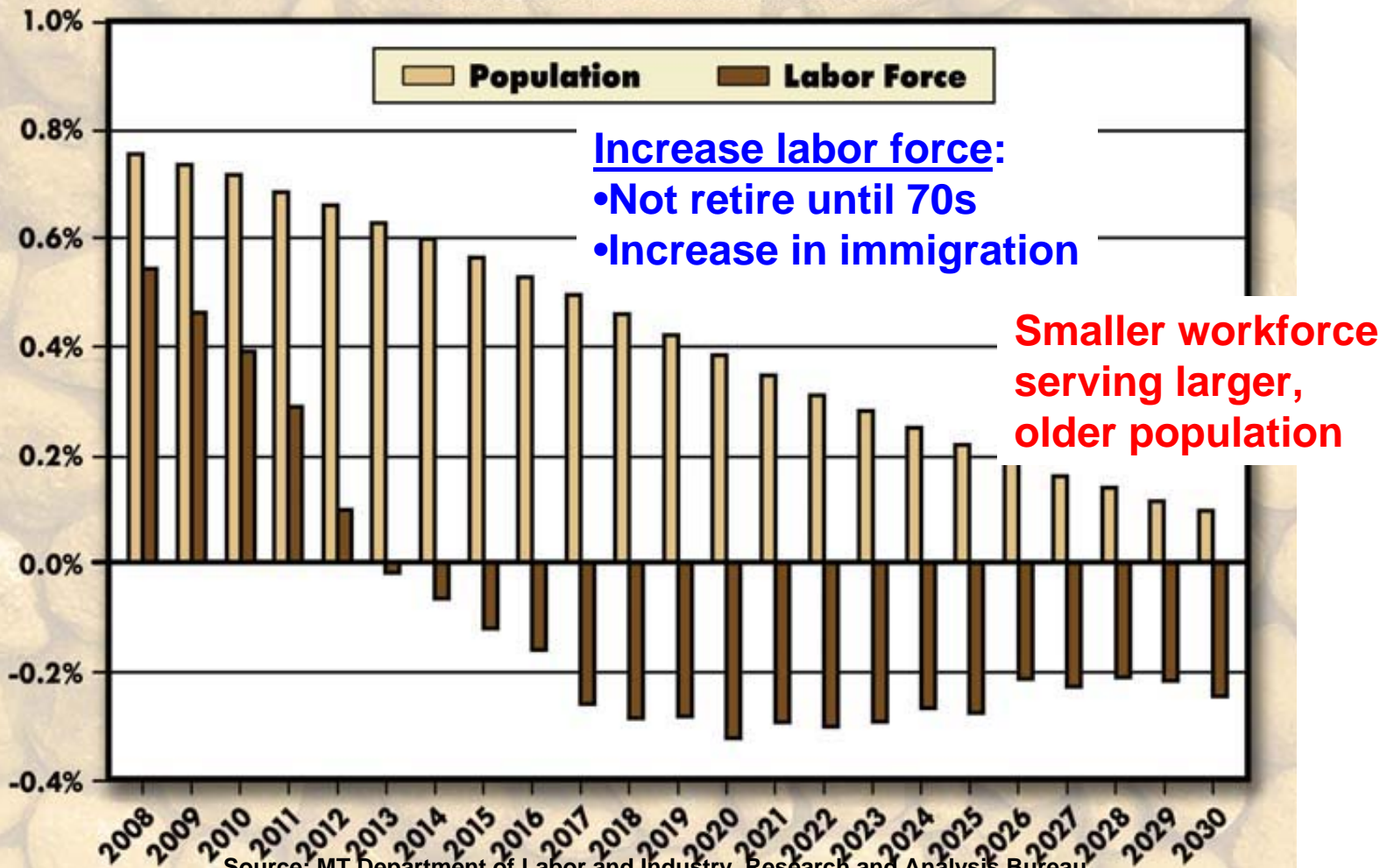
# LABOR FORCE AND INCOME PROJECTIONS



# Projected Change in Population and Labor Force: 2007-2030

Source: Bureau of Labor Statistics & U.S. Census Bureau

Investing in Montana's Economic Future



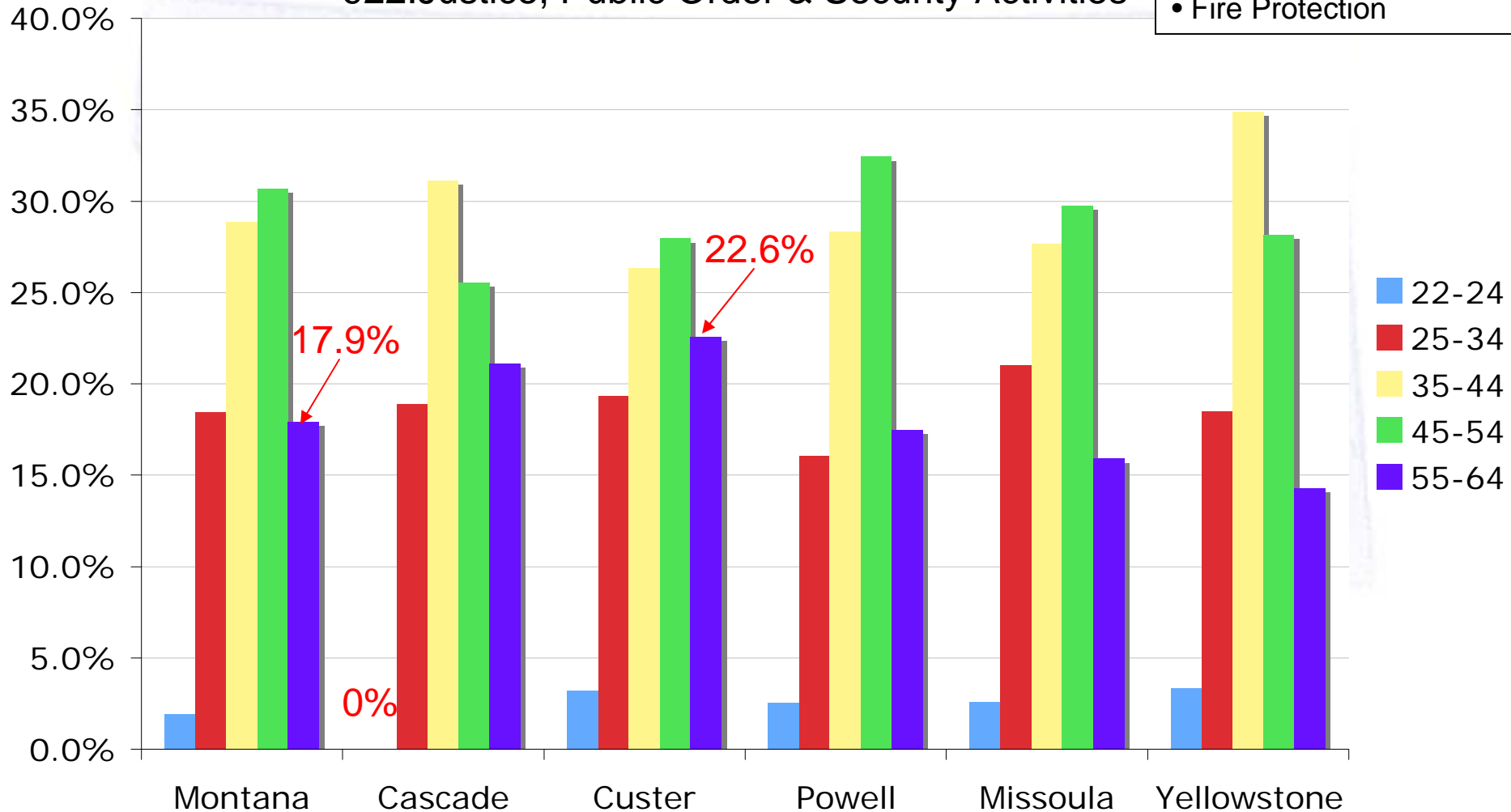
If Montana's population continues to increase at its current rate a labor force participation remains stable, the state's workforce will begin to contract in **2013**.

# AGE OF WORKERS: PERCENT OF TOTAL: 2006 Q3

922:Justice, Public Order & Security Activities

## 922 Includes:

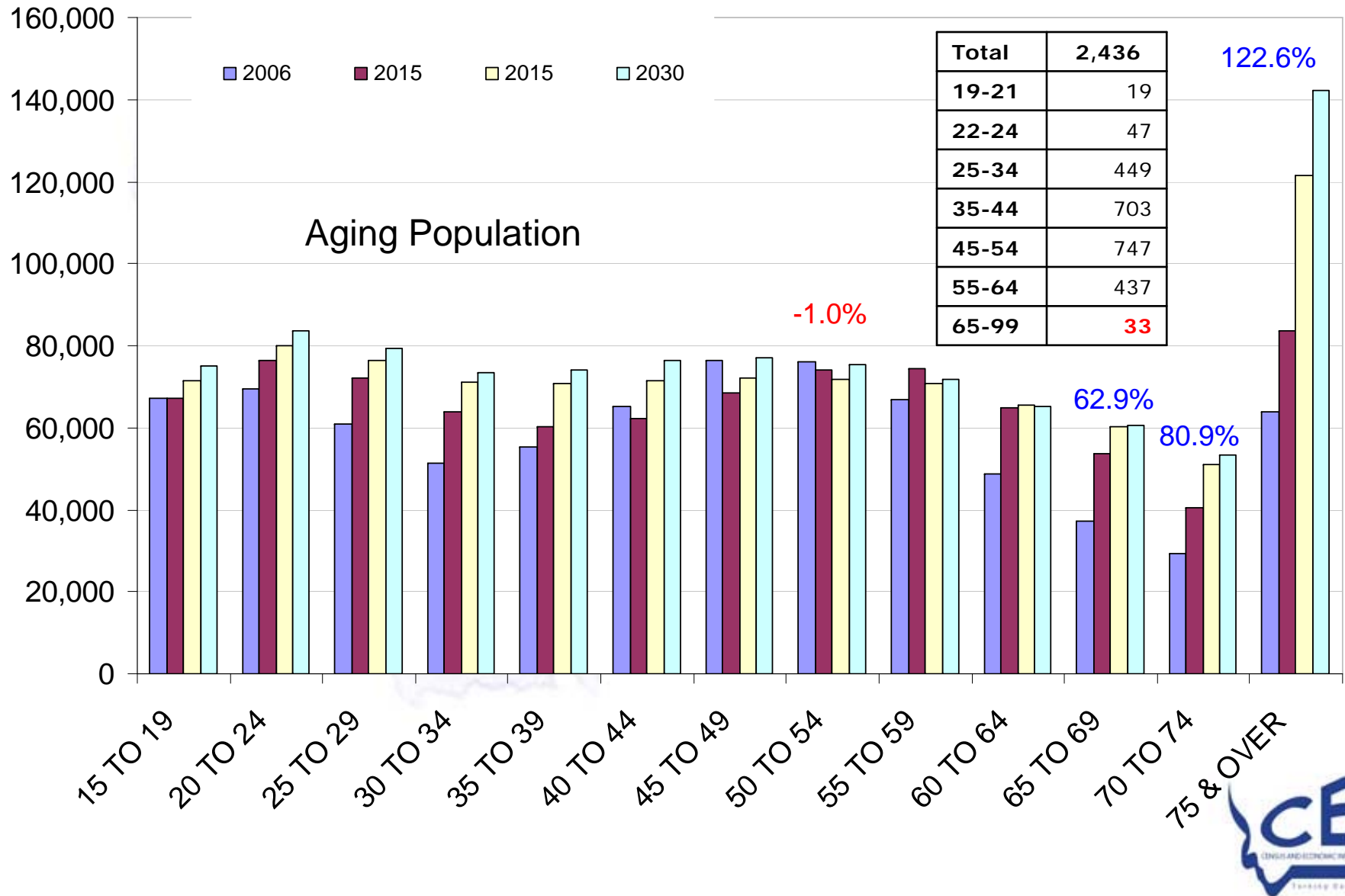
- Courts
- Police
- Legal Counsel
- Correctional Institutions
- Parole Officers
- Fire Protection



19 – 21 Age Group: Not always disclosed due to confidentiality issues



# MONTANA POPULATION BY AGE: 2006 - 2030

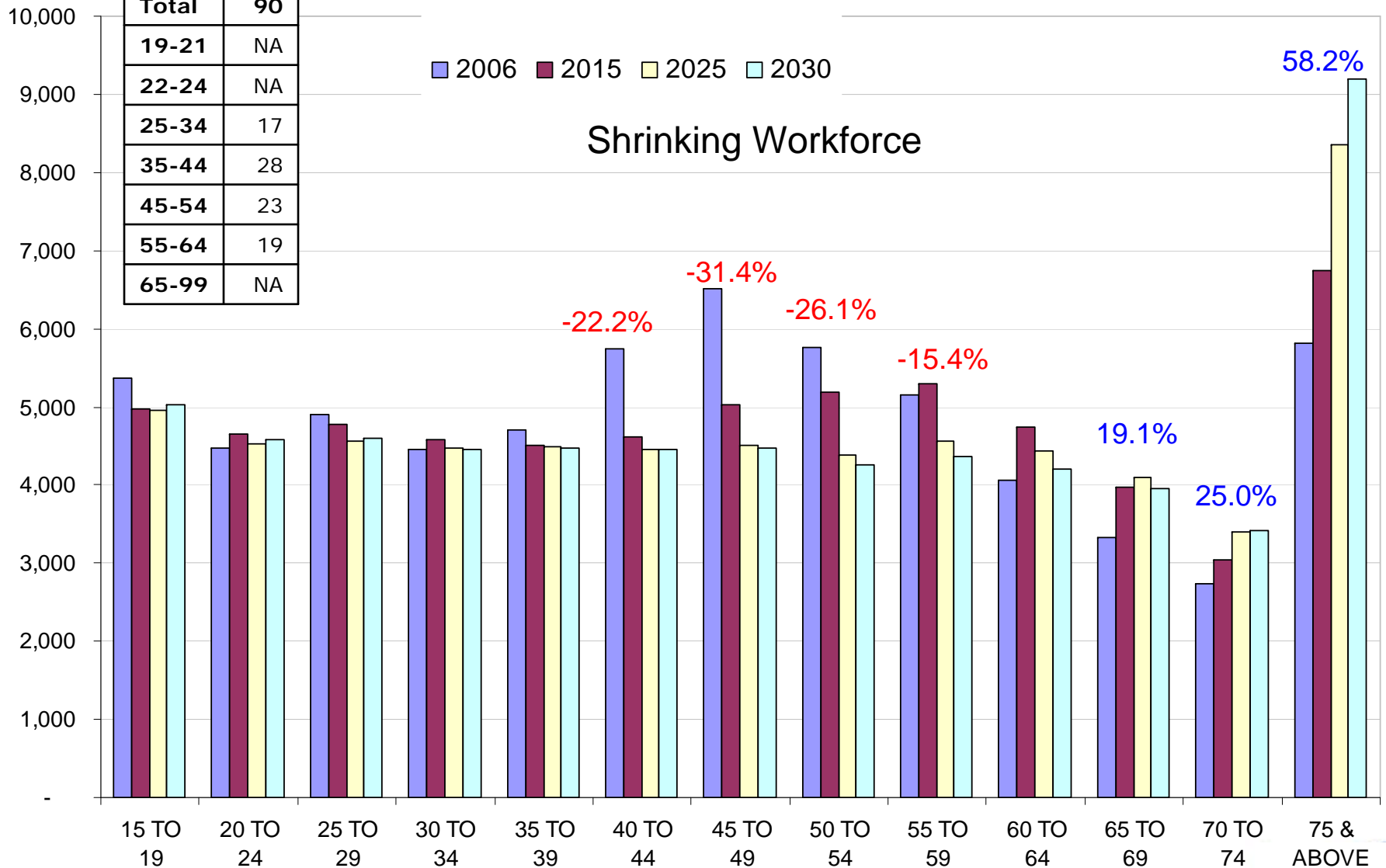


# CASCADE COUNTY BY AGE: 2006 - 2030

Total	90
19-21	NA
22-24	NA
25-34	17
35-44	28
45-54	23
55-64	19
65-99	NA

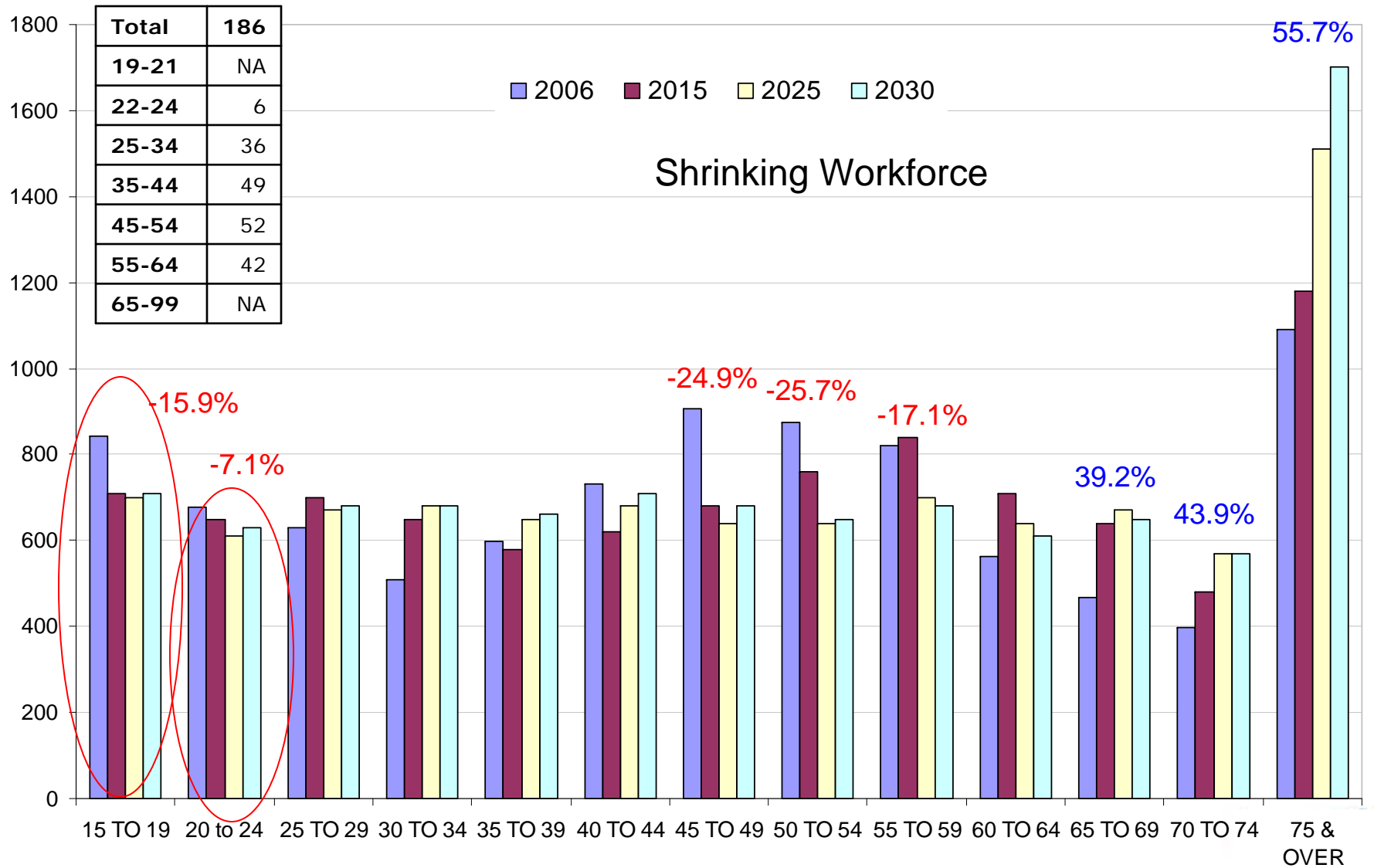
2006 2015 2025 2030

Shrinking Workforce



Cascade County Regional Prison

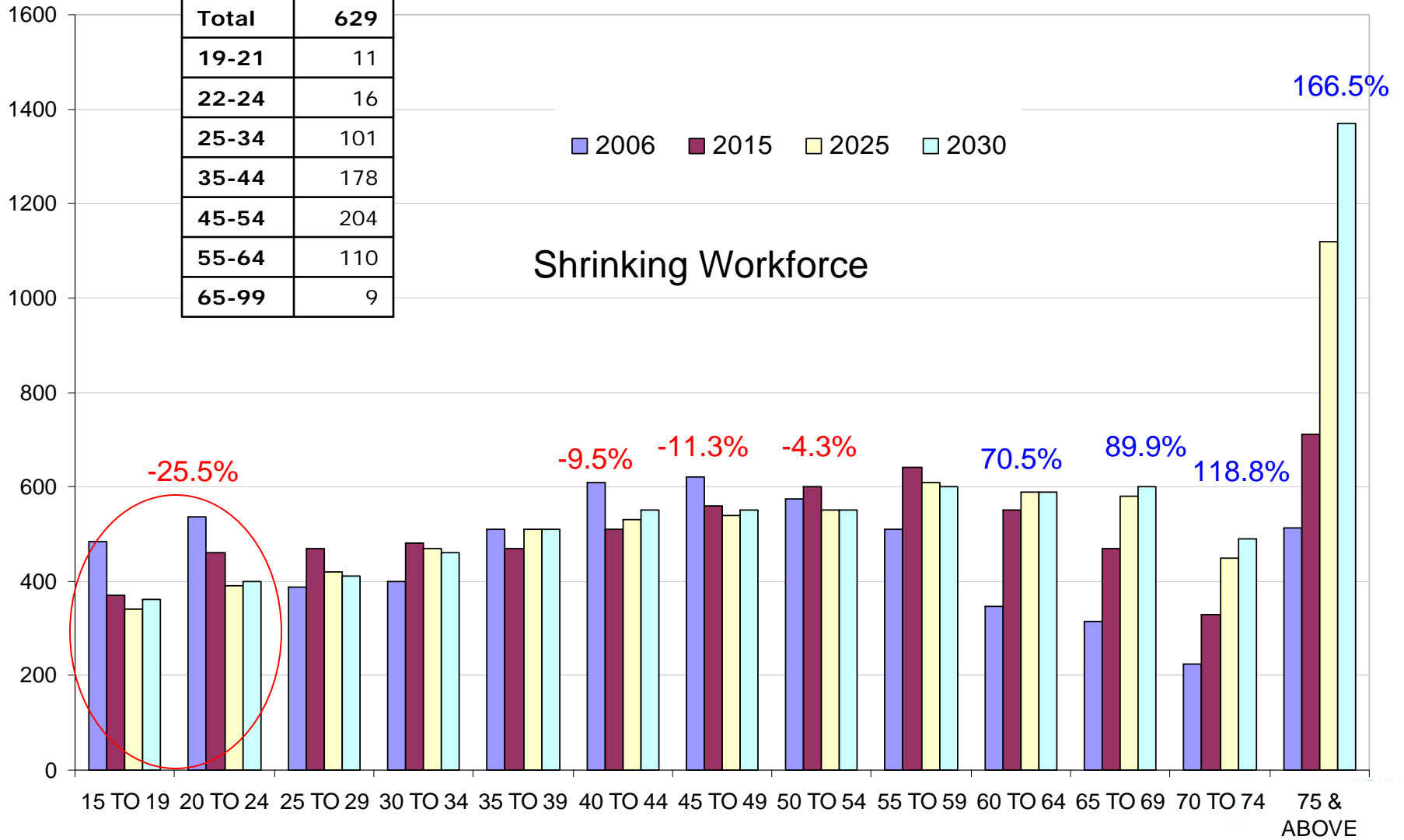
# CUSTER COUNTY BY AGE: 2006 - 2030



Pine Hills Youth Correctional Facility

# POWELL COUNTY BY AGE: 2006 - 2030

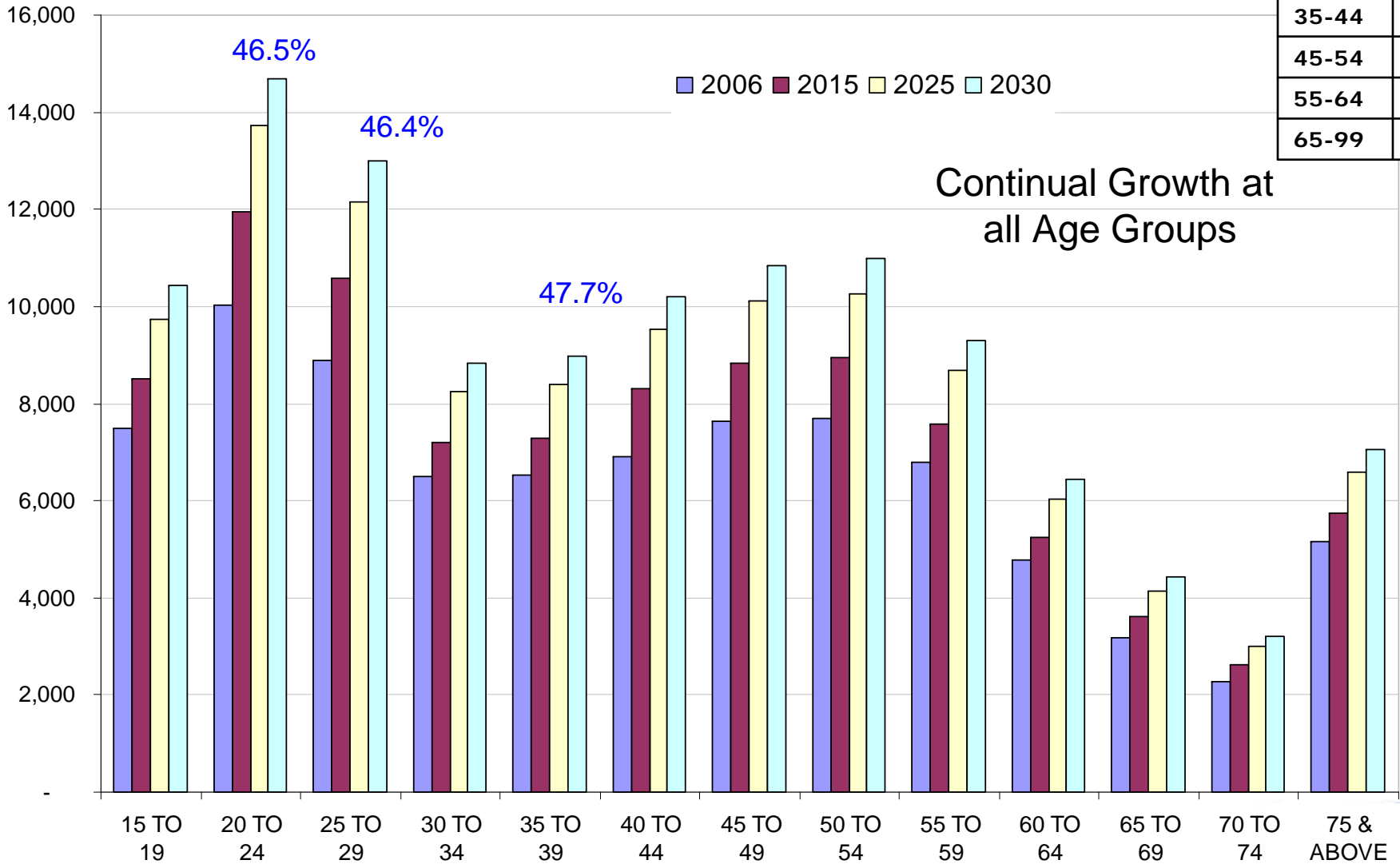
<b>Total</b>	<b>629</b>
<b>19-21</b>	11
<b>22-24</b>	16
<b>25-34</b>	101
<b>35-44</b>	178
<b>45-54</b>	204
<b>55-64</b>	110
<b>65-99</b>	9



Montana State Prison

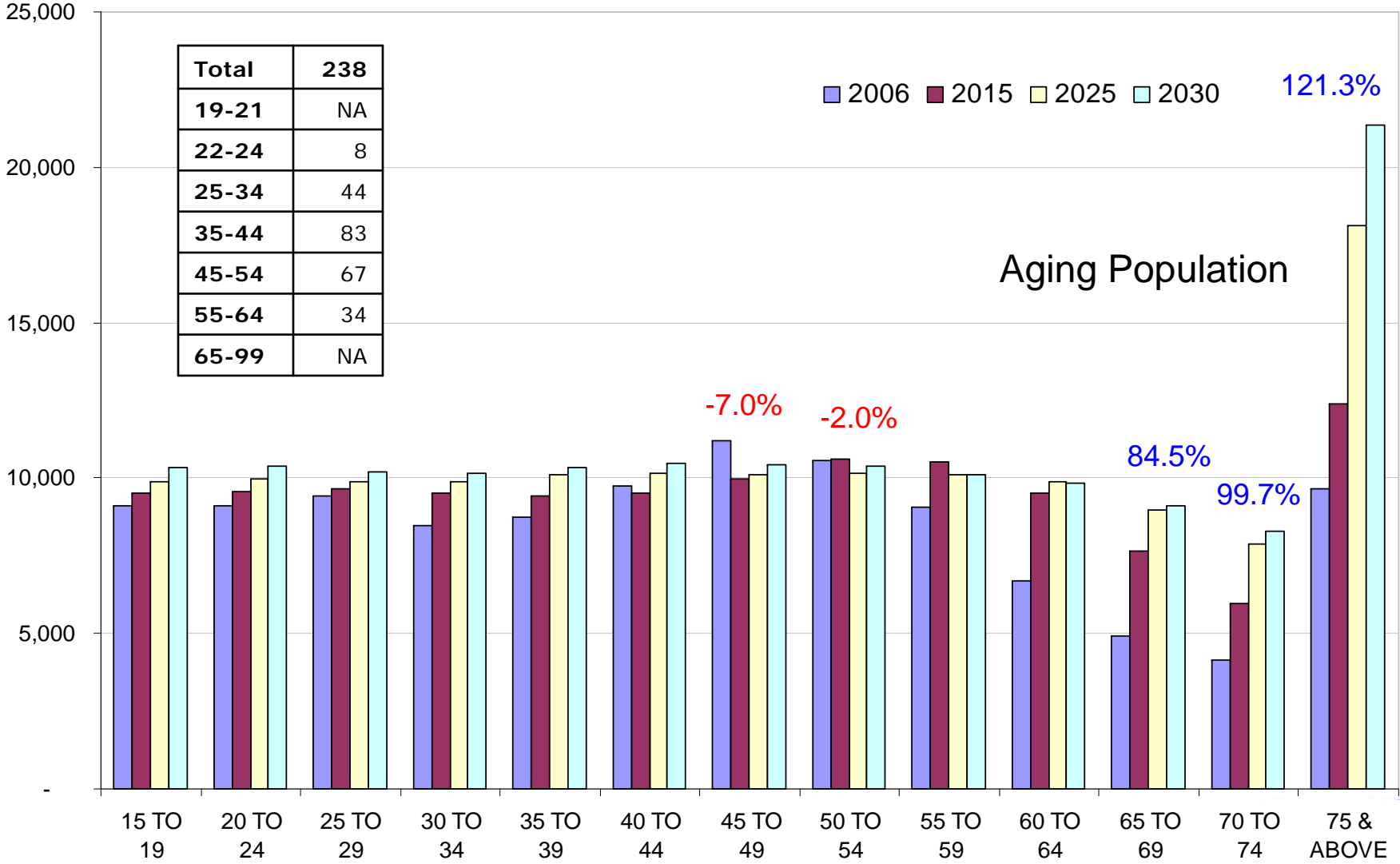
# MISSOULA COUNTY BY AGE: 2006 - 2030

Total	195
19-21	4
22-24	5
25-34	41
35-44	54
45-54	58
55-64	31
65-99	NA



# YELLOWSTONE COUNTY BY AGE: 2006 - 2030

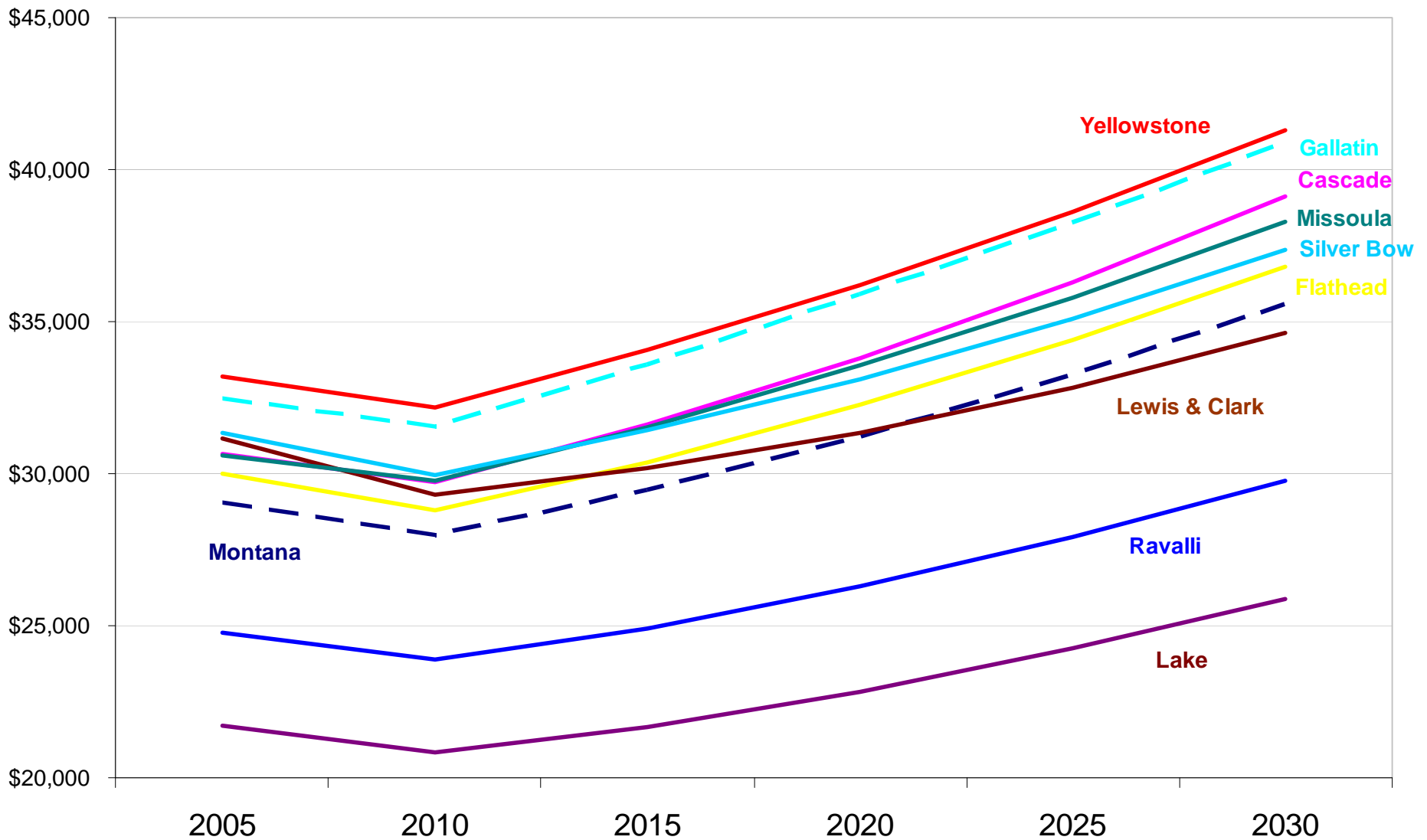
Total	238
19-21	NA
22-24	8
25-34	44
35-44	83
45-54	67
55-64	34
65-99	NA



# Income Measurements

- Personal Income (2005)
  - Proxy for Gross Domestic Product for counties
  - \$27.1 Bil - 47<sup>th</sup> (44<sup>th</sup> in population)
- Per Capita Personal Income (2005)
  - \$29,015 – 42<sup>th</sup>
- Median Household Income (2005)
  - \$38,503 – 43<sup>rd</sup>
- Average Wage per Job (2006)
  - \$30,534 – 50<sup>th</sup> (includes District of Columbia)

# 2005 PER CAPITA INCOME





# Per Capita Income Comparisons

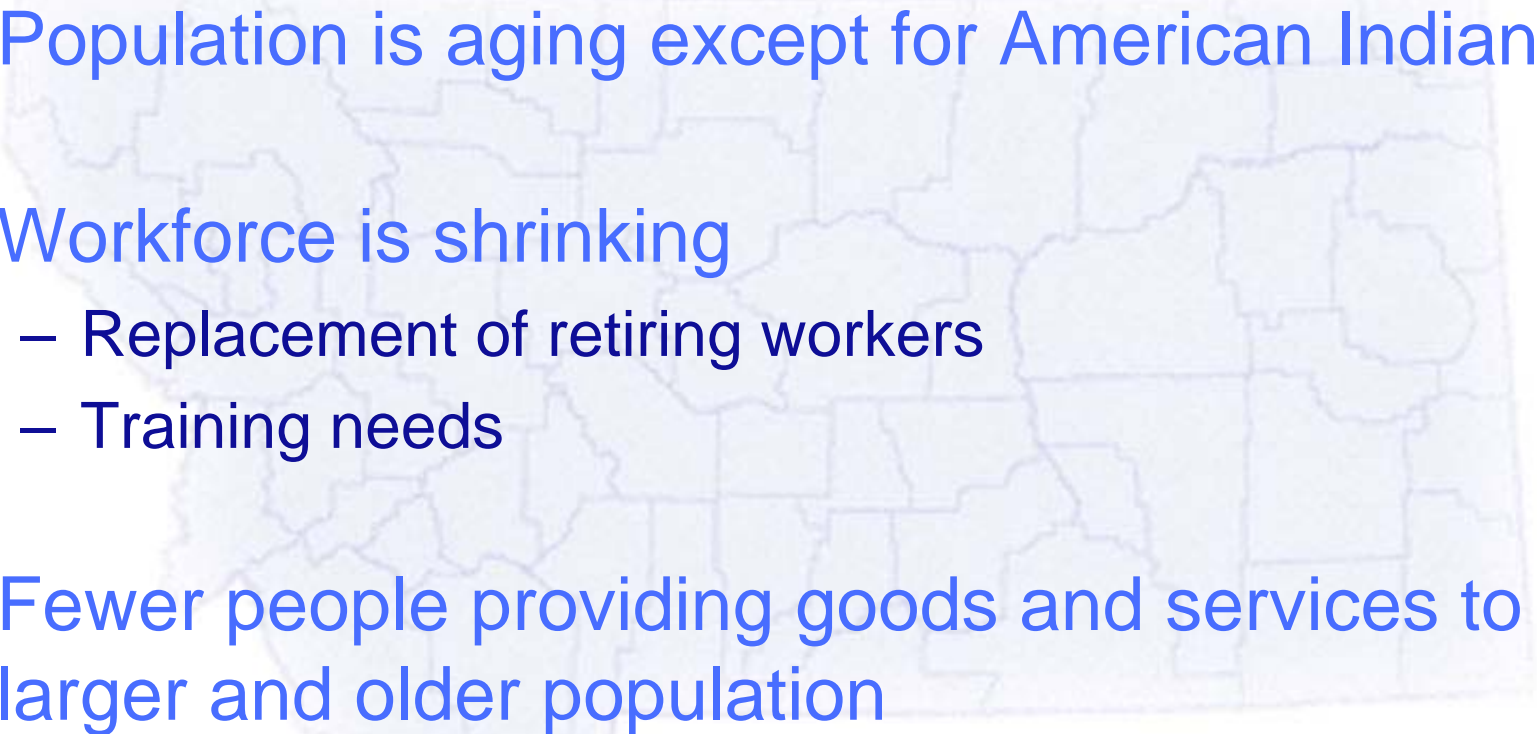
2005	Amount	Rank
<b>MONTANA</b>	<b>\$ 29,015</b>	<b>42</b>
VALLEY	\$ 42,134	1
YELLOWSTONE	\$ 33,215	2
GALLATIN	\$ 32,434	3
CASCADE	\$ 30,647	4
MISSOULA	\$ 30,608	5
SILVER BOW	\$ 31,324	8
FLATHEAD	\$ 30,008	11
LEWIS AND CLARK	\$ 31,151	16
RAVALLI	\$ 24,758	32
LAKE	\$ 21,726	47

2005	Amount	Rank
<b>CUSTER</b>	<b>\$ 30,505</b>	<b>28</b>
BIG HORN	\$ 24,811	48
BLAINE	\$ 24,739	49
POWDER RIVER	\$ 24,716	50
ROOSEVELT	\$ 23,927	51
WHEATLAND	\$ 23,307	52
SANDERS	\$ 23,300	53
<b>POWELL</b>	<b>\$ 23,043</b>	<b>54</b>
GOLDEN VALLEY	\$ 22,645	55
MUSSELSHELL	\$ 21,499	56

## Valley County:

- Largest percent of Spring Wheat (11%)
- Largest percent of Dry Peas (25%)
- Second largest of Flaxseed (16%)

# Summary

- 
- Population is aging except for American Indian
  - Workforce is shrinking
    - Replacement of retiring workers
    - Training needs
  - Fewer people providing goods and services to larger and older population

More information on Montana's economy and population demographics, see

- [http://housing.mt.gov/Includes/CP/Docs&Rpts/CP\\_E&D-Vol-I\\_12-07.pdf](http://housing.mt.gov/Includes/CP/Docs&Rpts/CP_E&D-Vol-I_12-07.pdf)
- [http://housing.mt.gov/Includes/CP/Docs&Rpts/CP\\_E&D-Vol-II\\_12-07.pdf](http://housing.mt.gov/Includes/CP/Docs&Rpts/CP_E&D-Vol-II_12-07.pdf)

# Sources of Information

- Population estimates
  - U.S. Census Bureau, Population Estimates Program
- Population Projections
  - NPA Data Services, Inc
- Personal Income, Per Capita Income, Average Wage Per Job
  - Bureau of Economic Analysis
- Median Household Income
  - U.S. Census Bureau, Small Area Estimates
- Labor Force
  - U.S. Census Bureau and Bureau of Labor Statistics

# Contact Information

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